

102703  
Docket No. 87326.4080  
Customer No. 30734

U.S.PTO

**UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)**22386 U.S.PTO  
10/692688  


10/2703

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450Case Docket No. 87326.4080

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(s): John SCHADLER

FOR: FEED SYSTEM AND METHOD FOR INTERLEAVING A BRANCH FEED ANTENNA WITH AN EXISTING SERIES FEED ANTENNA WITHIN THE SAME APERTURE CENTERLINE

Enclosed are:

- [X] 17 pages comprised of 1 cover sheet, 10 pages of specification, 5 pages of claims, and 1 page of abstract
- [X] Declaration & Power of Attorney
- [ ] Priority Claimed from US Provisional Application No. , filed .
- [ ] Certified copy of \_\_\_\_\_
- [X] 2 sheets of drawings (FIGS. 1-2)
- [X] An assignment of the invention to SPX Corporation, and the assignment recordation fee.
- [X] Return Receipt Postcard
- [ ] Information Disclosure Statement, Form PTO-1449
- [ ] Copies of IDS Citations
- [ ] Other: The undersigned hereby declares that this applications meets the qualifications for **Small Entity Status** under 37 C.F.R. 1.9(f) and 1.27(c) - Small Business Concerns - Independent Inventor.
- [ ] Other:

The filing fee has been calculated as shown below:

	(1) FOR	(2) NO. FILED	(3) NO. EXTRA	(4) RATE	(5) AMOUNT
<b>TOTAL CLAIMS</b>	23	-20	3	x \$18.00 =	\$ 54.00
<b>INDEPENDENT CLAIMS</b>	3	-3	0	x \$86.00 =	\$ 00.00
<b>MULTIPLE DEPENDENT CLAIM(S) (If applicable)</b>			+ \$290.00 =		0.00
				<b>BASIC FEE</b>	\$ 770.00
			Total of above calculations	=	\$ 824.00
[X] Assignment & Recording Fee					\$ 40.00
				<b>TOTAL FEE</b>	\$ 864.00

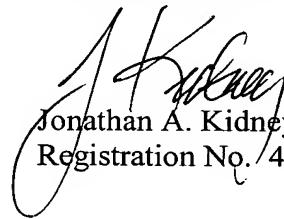
- [X] Attached is a check in the amount of \$864.00. A duplicate copy of this sheet is enclosed.
- [ ] Please charge my Deposit Account No. 50-2036 in the amount of \$0.00. A duplicate copy of this sheet is enclosed.
- [ X ] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2036. A duplicate copy is enclosed.
- [ X ] Any additional filing fees required under 37 CFR 1.16.
- [ X ] The Commissioner is hereby authorized to charge payment of following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-2036. A duplicate copy of this sheet is enclosed.
- [ X ] Any patent application processing fees under 37 CFR 1.17.  
[ X ] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Please address all correspondence in the above-identified application as follows:

**BAKER & HOSTETLER LLP**  
**Washington Square, Suite 1100**  
**1050 Connecticut Avenue, N.W.**  
**WASHINGTON, D.C. 20036**  
**Tel.: 202 861 1500**  
**Fax: 202 861 1783**

Respectfully submitted,

BAKER & HOSTETLER LLP



Jonathan A. Kidney  
Registration No. 46,195

Date: October 27, 2003  
Washington Square, Suite 1100  
1050 Connecticut Avenue, N.W.  
Washington, D.C. 20036  
Telephone: (202) 861-1500  
Facsimile: (202) 861-1783